Index of Claims

| _ | Application No. | Applicant(s) |
|---|-----------------|--------------|
|   | 10/662,269      | RUDD ET AL.  |
|   | Examiner        | Art Unit     |
|   | Tuan C To       | 3663         |

| √ | Rejected | ١ |  |
|---|----------|---|--|
| = | Allowed  | + |  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  | Α | Appeal   |
|---|--------------|---|----------|
| 1 | Interference | 0 | Objected |

| Cla          | aim              | Date     |            |                |          |          |              |           |           | CI                 | Date  |  |          |                 |          |   | CI      | Date     |           |          |          |       |            |                 |                 |          |          |          |          |                   |                   |          |
|--------------|------------------|----------|------------|----------------|----------|----------|--------------|-----------|-----------|--------------------|-------|--|----------|-----------------|----------|---|---------|----------|-----------|----------|----------|-------|------------|-----------------|-----------------|----------|----------|----------|----------|-------------------|-------------------|----------|
| Final        | Original         | 11/23/01 | 1./.       |                |          |          |              |           |           |                    |       | Final  | Original |                 |          |   |         |          |           |          |          | Final | Original   |                 |                 |          |          |          |          |                   |                   |          |
|              | 1                | 2        | 1          |                |          |          |              |           |           |                    |       |  | 51       |                 |          |   | $\perp$ |          |           |          |          |       | 101        |                 |                 |          |          |          |          | $\square$         |                   |          |
|              | 2                | Ц        | $\perp$    | <u> </u>       |          | ╙        | 丄            | ــــ      | 1_        | 1_                 |       |  | 52       |                 | $\perp$  |   |         | L        |           |          |          |       | 102        |                 | Ш               |          |          |          |          | $\Box$            | $\Box$            | $\Box$   |
|              | 3                | Ц        | 4          | ↓_             |          | ـــ      | 1            | ╙         | ┸         | ↓_                 |       |  | 53       | Щ               | 4        | $\perp$   | $\bot$  | L        |           |          |          |       | 103        | Ш               | $\Box$          |          |          |          |          | $\Box$            | _                 | ᆜ        |
|              | 4                | Н        | ╄          | <u> </u>       | 1        | 1        | ╄            | ┺         | -         | ╄-                 |       |  | 54       |                 | $\dashv$ | 4   | -       | <b>└</b> | Ш         | _        |          |       | 104        | Ш               | $\sqcup$        |          |          | _        |          | $\dashv$          | ᆚ                 | _        |
| <u> </u>     | 5                | Н        | +          | +              | +        | +        | +            | ╀         | +         | -                  |       |  | 55       | Н               |          | +   | +       |          |           | _        | 4        |       | 105        |                 |                 | _        |          | _        |          |                   | $\dashv$          | ႕        |
|              | 6<br>7           | H        | ╁          | ╁              | +-       | ┼        | ╀            | $\vdash$  | +         | ╁                  |       |  | 56<br>57 | H               | $\dashv$ | +   | +-      | -        | $\dashv$  | -        | -        |       | 106<br>107 |                 | -               | -        |          | -        | -        |                   | $\dashv$          | $\dashv$ |
|              | 8                | }        | +          | ╁              | +        | ╁        | ╁            | ╁         | +         | ╁                  | 1     |  | 58       |                 | +        | +   | +       | $\vdash$ | $\vdash$  |          | -        |       | 108        | Н               | $\dashv$        | $\dashv$ |          |          | =        | $\dashv$          |                   | $\dashv$ |
| <b>├</b>     | 8                | ╁        | ╁          | +              | ╁        | +-       | ╁╌           | ╁         | +         | ╁                  |       |  | 59       | $\vdash$        | $\dashv$ | +   | +       | +        |           | $\dashv$ | 1        |       | 109        | Н               | -               | -        |          | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$          | $\dashv$ |
|              | 10               | ↾        | <b>オ</b> ̄ | †              | ╁        | ✝        | $\top$       | T         | +         | T                  |       |  | 60       |                 | 1        | +   | +       | $\vdash$ |           | _        | 1        |       | 110        |                 | $\vdash$        | $\neg$   |          |          |          | 一                 | ᅥ                 | $\dashv$ |
| <b></b>      | 11               | 7        | 1          | 1              | ✝        | T        | $\top$       | T         | $\top$    | T                  |       |  | 61       |                 | $\dashv$ | $\top$  | 1       |          | $\exists$ | _        | 1        |       | 111        |                 | Ħ               |          |          |          |          | 一                 | $\dashv$          | ヿ        |
|              | 12               | 7        | 7          |                | ✝        | T        | Т            | T         | $\top$    | $\top$             |       |  | 62       |                 | $\top$   | $\top$  | $\top$  |          |           |          | 1        |       | 112        |                 |                 |          |          |          |          | П                 | ヿ                 | ヿ        |
|              | 18               | Ĺ        | Ι          |                | Г        |          |              |           |           | $oxedsymbol{\Box}$ |       |  | 63       |                 | $\Box$   | $oldsymbol{ol}}}}}}}}}}}}}}}$ | I       |          |           |          |          |       | 113        |                 |                 |          |          |          |          |                   | 二                 | $\Box$   |
|              | 14               | Ĺ        | $\perp$    | L              | L        |          |              | L         |           |                    |       |  | 64       |                 | $\Box$   |   | $\perp$ |          |           |          | ]        |       | 114        |                 |                 |          |          |          |          |                   |                   |          |
|              | 15               | C        | 1          | L              |          | <u> </u> | $\perp$      | L         |           |                    |       | L  | 65       | Ш               |          |   | $\perp$ | Ш        |           |          | 1        |       | 115        |                 | П               |          |          |          |          | $\Box$            |                   | $\Box$   |
| <u> </u>     | 16               | c        | `—         | $\perp$        | _        | ↓_       | ↓_           | ↓         | $\perp$   | $\vdash$           |       | <u> </u>   | 66       |                 | $\perp$  | $\bot$  | $\bot$  | $\sqcup$ | $\sqcup$  |          | <b>.</b> |       | 116        |                 | Щ               |          |          | _        | _        | $\sqcup$          |                   |          |
|              | 17               | -        | +-         | ╄              | ╀        | ╀        | $\vdash$     | ╀         | +         | $\vdash$           |       | <b></b>  | 67       | $\vdash \vdash$ | $\dashv$ | +   | +       | $\vdash$ | $\vdash$  | $\perp$  | 4        |       | 117        |                 | $\sqcup$        | _        |          | _        | _        | $\dashv$          | 4                 |          |
|              | <u>184</u><br>19 | 7        | ╫          | ╄              | ╄        | ╀        | ┼            | ┼         | +         | +                  |       | <u> </u>   | 68       | $\vdash$        | $\dashv$ | +   | +-      | -        | $\dashv$  | -        | -        |       | 118        |                 | $\square$       |          |          | _        | _        | $\dashv$          | $\dashv$          | $\dashv$ |
|              | 20               | 0        |            | ╁              | ╁        | ┿        | +            | ╀         | +         | +                  |       | -  | 69<br>70 | $\vdash$        | +        | +   | ┿       | $\vdash$ | $\dashv$  |          |          |       | 119<br>120 |                 | $\vdash$        | -        | -        |          | -        | $\dashv$          | $\dashv$          | $\dashv$ |
|              | 2                | Z        | +-         | ╁              | +        | ╁        | +            | ╁         | ╁╌        | +-                 | liiii | ├  | 71       | $\vdash$        | $\dashv$ | +   | +-      | $\vdash$ | $\dashv$  | +        | 1        |       | 121        |                 |                 |          |          |          |          | $\dashv$          | $\dashv$          | $\dashv$ |
|              | 22               | i        | ╁          | ╁              | ╁        | ╁        | +            | -         | ╁         | +                  |       | <u> </u>   | 72       | $\vdash$        | +        | +   | +       | $\vdash$ | $\dashv$  |          | 1        |       | 122        | -               | $\vdash$        | $\dashv$ | -        |          | -        | $\dashv$          | -                 | $\dashv$ |
| -            | 23               | H        | +          | +              | ╁╌       | +        | ╁            | 1-        | ╅         |                    |       |  | 73       | H               | $\dashv$ | +   | +       |          | -         | +        | 1        |       | 123        |                 | $\dashv$        | $\dashv$ |          | -        |          | $\dashv$          | $\dashv$          | $\dashv$ |
|              | 24               | H        | T          | †              | +-       | †        | †            | $\dagger$ | $\dagger$ | $\dagger$          |       |  | 74       |                 | $\dashv$ | $\top$  | +       |          |           | $\dashv$ | 1        |       | 124        |                 | $\vdash$        |          |          | $\dashv$ |          | $\dashv$          | $\dashv$          | $\dashv$ |
|              | 25               | 2        | 1          | $\top$         | $\top$   | 1        | T            | 1-        | T         | 1                  |       |  | 75       | П               | 1        | 1   | $\top$  |          | $\Box$    |          |          |       | 125        |                 |                 |          |          | $\neg$   |          | $\sqcap$          | 一                 | ヿ        |
|              | 26               |          |            |                |          |          |              |           |           |                    |       |  | 76       |                 |          |   | 1       |          |           |          |          |       | 126        |                 |                 |          |          |          |          | П                 | ヿ                 | ヿ        |
|              | 27               |          |            |                |          |          |              |           |           |                    |       |  | 77       |                 |          |   | floor   |          |           |          |          |       | 127        |                 |                 |          |          |          |          | П                 | コ                 | $\Box$   |
|              | 28               | L        | _          |                |          |          |              |           | L         |                    |       |  | 78       |                 |          |   |         |          |           |          | ]        |       | 128        |                 |                 |          |          |          |          | $\Box$            | $\Box$            |          |
|              | 29               | L        | 1          | ╙              | ╄        | ┺        | ╄            | ↓_        | ╄.        | ļ                  |       |  | 79       | Ш               | 4        | 4   | _       |          |           | _        |          |       | 129        |                 |                 |          |          |          | _        | $\sqcup$          | _                 | _        |
| <u> </u>     | 30               | L        | ╀          | $\vdash$       | +        | ╄        | ╀            | ╀         | ╀         | -                  |       |  | 80       | Н               | 4        | +   | +       | $\vdash$ | $\dashv$  | _        |          |       | 130        |                 |                 |          |          | _        | _        | $\dashv$          |                   | _        |
|              | 31               | L        | ╀          | +-             | ┼        | ╀        | ╁            | ╁         | +         | ╄                  |       |  | 81       | -               | -        | +   | +-      | -        | $\vdash$  | _        |          |       | 131        |                 | $\Box$          | _        | _        | _        |          | $\dashv$          | $\dashv$          |          |
| <u> </u>     | 32<br>33         | ┝        | ╁          | ╁              | ╀        | ╀        | ⊬            | +         | ╁         | ╁                  |       |  | 82<br>83 | Н               | +        | +   | ┿       | $\vdash$ | $\vdash$  |          | 1        |       | 132<br>133 |                 | $\vdash$        | -        |          |          | -        | $\dashv$          | $\dashv$          | $\dashv$ |
|              | 34               | ┝        | ╁          | +              | +        | +        | ╁            | ╁         | +         | ╁                  |       | <u> </u>   | 84       | $\vdash$        | +        | +   | +       | $\vdash$ | -         |          | <b> </b> |       | 134        | $\vdash$        | -               | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\vdash$          | $\dashv$          | _        |
|              | 35               | $\vdash$ | +          | $\vdash$       | ╁        | ╁        | $\vdash$     | H         | +         | +                  |       | <del>                                     </del> | 85       | $\vdash \vdash$ | $\dashv$ | +   | +       | $\vdash$ | $\dashv$  | +        |          |       | 135        | Н               | $\dashv$        | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$          | $\dashv$          | $\dashv$ |
|              | 36               | H        | T          | t              | +        | t        | 1            | t         | +-        | †                  |       |  | 86       | $\vdash$        | $\dashv$ | +   | +       | Н        | -         | $\dashv$ | 1        |       | 136        | H               | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        | $\dashv$          | -                 | $\dashv$ |
|              | 37               | Г        | $\top$     | T              | 十        | $\top$   | T            | T         | 1         | 1                  |       |  | 87       | П               | $\dashv$ | +   | $\top$  | П        |           | $\top$   | 1        |       | 137        | Н               |                 | $\dashv$ |          | -        | $\dashv$ | $\dashv$          | ᅥ                 | $\dashv$ |
|              | 38               |          | Ι          | L              |          |          | Ι            | İ         | T         | T                  |       |  | 88       | ┌┤              | 丁        | 丁   | T       | П        |           |          | ]        |       | 138        |                 |                 | $\dashv$ |          |          | ᅥ        | $\sqcap$          | $\dashv$          | $\dashv$ |
|              | 39               |          |            |                |          |          |              |           |           |                    |       |  | 89       |                 |          |   | I       |          |           |          | ]:::::   |       | 139        |                 |                 |          |          | _1       |          |                   | 二                 | $\Box$   |
|              | 40               |          | L          | L              | $\Box$   |          |              | L         |           |                    |       |  | 90       | Ш               |          |   | I       |          |           |          |          |       | 140        |                 |                 |          |          |          |          | $\Box$            |                   |          |
|              | 41               | L        |            | $\perp$        |          | $\perp$  |              | L         |           | <u> </u>           |       |  | 91       | Ш               | 1        | $\perp$   | 1       | П        | $\Box$    | $\bot$   |          |       | 141        |                 | $\Box$          | ╗        |          | $\Box$   | $\Box$   | $oldsymbol{\bot}$ | $oldsymbol{\bot}$ | 耳        |
|              | 42               | L        | 4_         | ┞              | $\vdash$ | 1        | ـــ          | -         | 1_        | <b>-</b>           |       |  | 92       | $\sqcup$        | $\dashv$ | $\bot$  | 4       | Ш        |           |          |          |       | 142        | oxdot           | <b>_</b>        |          |          | _        | _        | 4                 | 4                 |          |
|              | 43               | L        | +          | ╀              | $\vdash$ | $\vdash$ | +            | ╀         | +         | -                  |       | <u> </u>   | 93       | $\vdash \vdash$ | +        | +   | +       | $\vdash$ | $\sqcup$  | +        |          |       | 143        | $\vdash \vdash$ | $\dashv$        |          | $\dashv$ | _        | $\dashv$ |                   |                   | _        |
| <u> </u>     | 44<br>45         | ⊦        | +-         | ⊢              | +        | $\vdash$ | ╀            | $\vdash$  | +         | +-                 |       |  | 94<br>95 | $\vdash \vdash$ | +        | +   | +-      | $\vdash$ | $\dashv$  | -        | 1        |       | 144        | $\vdash$        | $\vdash$        |          |          | _        |          | $\dashv$          | 4                 | $\dashv$ |
| <del> </del> | 46               | $\vdash$ | ╁          | ╀              | +        | ╁        | ╁            | $\vdash$  | ╁         | ╁                  |       | <u> </u>   | 95       | ╁╌┤             | +        | +   | ╁       | $\vdash$ | $\dashv$  | -        | ł        |       | 145<br>146 |                 | $\dashv$        |          |          |          | $\dashv$ | -+                |                   | $\dashv$ |
|              | 46               | ┝        | +          | $\vdash$       | +        | +        | +            | $\vdash$  | ╁╌        | +-                 |       |  | 97       | $\vdash \vdash$ | $\dashv$ | +   | +       | $\vdash$ | $\dashv$  | +        | 1        |       | 147        | $\vdash$        | $\dashv$        | $\dashv$ |          | $\dashv$ |          | $\dashv$          | $\dashv$          | $\dashv$ |
| <u> </u>     | 48               | ┢        | +          | +              | +        | $\vdash$ | $\vdash$     | +         | +         | +                  |       | <del></del>                                      | 98       | $\vdash$        | +        | +   | +       | $\vdash$ |           |          | tiiil    | -     | 148        | $\vdash$        | $\vdash \dashv$ | $\dashv$ | -+       | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$          | $\dashv$ |
|              | 49               | H        | T          | 1              | ╁        | 1        | †            | $\vdash$  | +         | T                  |       | <u> </u>   | 99       | $\vdash$        | $\dashv$ | +   | +       | $\vdash$ | -         | +        | 1        |       | 149        | $\vdash$        | $\dashv$        |          |          | -        | $\dashv$ | $\dashv$          | ᅱ                 | $\dashv$ |
|              | 50               | Г        | T          | $\top$         | T        | $\vdash$ |              | $\vdash$  | T         | $\top$             |       |  | 100      | $\Box$          | $\top$   | 十   | †       | Н        | 1         | $\top$   |          |       | 150        | $\vdash$        | $\vdash$        |          | $\neg$   | +        | _        | $\dashv$          | $\dashv$          | ᅱ        |
|              |                  | _        |            | <del>-</del> - | _        |          | <del>-</del> | <u>-</u>  | _         | •                  |       |  |          |                 |          |   |         |          |           |          | ار       | L     |            |                 |                 |          |          |          |          | —                 | _                 |          |